



UPPER PENINSULA HEAVY TRUCK/BUS INVOLVED CRASHES (continued)

CRASH TYPE	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Heavy Trucks	% of Total	Number of Heavy Trucks	% of Fatal	Number of Heavy Trucks	% of Injury
Single Vehicle	116	30.9	1	25.0	15	21.7
Head On	10	2.7	1	25.0	7	10.1
Head On - Left Turn	4	1.1	0	0.0	2	2.9
Angle	69	18.4	2	50.0	19	27.5
Rear End	33	8.8	0	0.0	6	8.7
Rear End - Left Turn	4	1.1	0	0.0	3	4.3
Rear End - Right Turn	5	1.3	0	0.0	1	1.4
Sideswipe - Same Direction	50	13.3	0	0.0	2	2.9
Sideswipe - Opposite Direct	29	7.7	0	0.0	8	11.6
Other/ Unknown	55	14.7	0	0.0	6	8.7
Total	375	100.0	4	100.0	69	100.0

HAZARDOUS ACTION OF HEAVY TRUCK/BUS	Truck/Bus Crashes		Fatal Crashes		Injury Crashes		Hazardous Citation Issued	
	Number of Heavy Trucks	% of Total	Number of Heavy Trucks	% of Fatal	Number of Heavy Trucks	% of Injury	Number of Heavy Trucks	% of Issued
None	188	50.1	3	75.0	35	50.7	2	4.8
Speed too fast	18	4.8	0	0.0	7	10.1	4	9.5
Speed too slow	1	0.3	0	0.0	0	0.0	0	0.0
Failed to yield	25	6.7	1	25.0	7	10.1	9	21.4
Disregard traffic control	6	1.6	0	0.0	1	1.4	3	7.1
Drove wrong way	1	0.3	0	0.0	0	0.0	0	0.0
Drove left of center	1	0.3	0	0.0	0	0.0	1	2.4
Improper passing	3	0.8	0	0.0	0	0.0	3	7.1
Improper lane use	6	1.6	0	0.0	2	2.9	0	0.0
Improper turn	10	2.7	0	0.0	2	2.9	2	4.8
Improper/no signal	0	0.0	0	0.0	0	0.0	0	0.0
Improper backing	17	4.5	0	0.0	1	1.4	3	7.1
Unable to stop in assured clear distance	16	4.3	0	0.0	4	5.8	5	11.9
Reckless driving	0	0.0	0	0.0	0	0.0	0	0.0
Careless/Negligent driving	16	4.3	0	0.0	5	7.2	6	14.3
Other	36	9.6	0	0.0	2	2.9	4	9.5
Unknown	31	8.3	0	0.0	3	4.3	0	0.0
Total	375	100.0	4	100.0	69	100.0	42	100.0



UPPER PENINSULA HEAVY TRUCK/BUS INVOLVED CRASHES (continued)

DAY OF WEEK IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Heavy Trucks	% of Total	Number of Heavy Trucks	% of Fatal	Number of Heavy Trucks	% of Injury
Sunday	15	4.0	0	0.0	3	4.3
Monday	63	16.8	0	0.0	13	18.8
Tuesday	58	15.5	0	0.0	7	10.1
Wednesday	69	18.4	1	25.0	12	17.4
Thursday	74	19.7	1	25.0	16	23.2
Friday	72	19.2	1	25.0	11	15.9
Saturday	24	6.4	1	25.0	7	10.1
Total	375	100.0	4	100.0	69	100.0

DRIVER GENDER IN CRASH	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Heavy Trucks	% of Total	Number of Heavy Trucks	% of Fatal	Number of Heavy Trucks	% of Injury
Male	337	89.9	4	100.0	67	97.1
Female	16	4.3	0	0.0	1	1.4
Unknown	22	5.9	0	0.0	1	1.4
Total	375	100.0	4	100.0	69	100.0

NUMBER OF OCCUPANTS in Heavy Truck/Bus	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Heavy Trucks	% of Total	Number of Heavy Trucks	% of Fatal	Number of Heavy Trucks	% of Injury
1 occupant	314	83.7	4	100.0	61	88.4
2 occupants	20	5.3	0	0.0	4	5.8
3 occupants	0	0.0	0	0.0	0	0.0
4 occupants	2	0.5	0	0.0	2	2.9
5 occupants	1	0.3	0	0.0	0	0.0
6 + occupants	14	3.7	0	0.0	1	1.4
0 occupants	6	1.6	0	0.0	1	1.4
Unknown	18	4.8	0	0.0	0	0.0
Total	375	100.0	4	100.0	69	100.0



UPPER PENINSULA HEAVY TRUCK/BUS INVOLVED CRASHES (continued)

VEHICLE TYPES Involved in Crash with Heavy Truck/Bus	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Vehicles	% of Subtotal	Number of Vehicles	% of Fatal	Number of Vehicles	% of Injury
Passenger Car and Station Wagon	153	63.8	2	50.0	30	57.7
Van and Motorhome	15	6.3	0	0.0	4	7.7
Pickup	57	23.8	1	25.0	10	19.2
Small Truck (under 10,000 lbs.)	3	1.3	0	0.0	0	0.0
Motorcycle	1	0.4	0	0.0	1	1.9
Moped	0	0.0	0	0.0	0	0.0
Go Cart	0	0.0	0	0.0	0	0.0
Snowmobile	1	0.4	0	0.0	1	1.9
Off Road Vehicle	1	0.4	0	0.0	1	1.9
Other	2	0.8	0	0.0	1	1.9
Unknown	7	2.9	1	25.0	4	7.7
Subtotal	240	100.0	4	100.0	52	100.0

HEAVY TRUCK/BUS VEHICLE TYPES	All Crashes		Fatal Crashes		Injury Crashes	
	Number of Heavy Trucks	% of Subtotal	Number of Heavy Trucks	% of Fatal	Number of Heavy Trucks	% of Injury
Commercial Vehicle: Group A	212	56.5	3	75.0	43	62.3
Commercial Vehicle: Group B	66	17.6	1	25.0	12	17.4
Commercial Vehicle: Group C	13	3.5	0	0.0	3	4.3
Other Truck	14	3.7	0	0.0	0	0.0
Unknown Truck	70	18.7	0	0.0	11	15.9
Subtotal	375	100.0	4	100.0	69	100.0

Total Vehicle Types in Heavy Truck/Bus Crashes	615		8		121	
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Group "A" is any vehicle that is towing a vehicle or trailer that has a gross vehicle weight rating (GVWR) over 10,000 lbs.

Group "B" is any single vehicle (including buses) with a GVWR of 26,001 lbs. or more. This would include a combination of vehicles with a combined GVWR over 26,000 lbs. when towing a trailer that has a GVWR of 10,000 lbs. or less.

Group "C" is any single vehicle with a GVWR of less than 26,001 lbs. or a combination of vehicles having a combined GVWR under 26,001 lbs. when the vehicle is required to display placards for hazardous material or designed to carry 16 passengers (including driver). Group "C" is also any vehicle carrying 15 or less people (including driver) transporting children to or from school and home on a regular basis for compensation.



UPPER PENINSULA HEAVY TRUCK/BUS INVOLVED CRASHES (continued)

Hazardous Citation Issued	Heavy Truck/Bus Involved Crash						Passenger Vehicle Only Involved Crash			
	Single Vehicle Crash		Multi-Vehicle Crash				Single Vehicle Crash		Multi-Vehicle Crash	
	Number of Trucks/Buses	% of citation	Number of Trucks/Buses	% of citation	Number of Passenger Vehicles	% of citation	Number of Passenger Vehicles	% of citation	Number of Passenger Vehicles	% of citation
None	1	7.1	1	3.6	1	2.8	2	0.3	4	0.4
Speed too fast	4	28.6	0	0.0	4	11.1	263	45.7	109	10.0
Speed too slow	0	0.0	0	0.0	0	0.0	4	0.7	3	0.3
Failed to yield	0	0.0	9	32.1	10	27.8	3	0.5	434	39.7
Disregard traffic control	1	7.1	2	7.1	2	5.6	5	0.9	90	8.2
Drove wrong way	0	0.0	0	0.0	0	0.0	0	0.0	3	0.3
Drove left of center	0	0.0	1	3.6	1	2.8	4	0.7	15	1.4
Improper passing	0	0.0	3	10.7	4	11.1	2	0.3	14	1.3
Improper lane use	0	0.0	0	0.0	0	0.0	4	0.7	21	1.9
Improper turn	0	0.0	2	7.1	0	0.0	3	0.5	19	1.7
Improper/no signal	0	0.0	0	0.0	1	2.8	0	0.0	1	0.1
Improper backing	0	0.0	3	10.7	1	2.8	0	0.0	21	1.9
Unable to stop in assured clear distance	1	7.1	4	14.3	4	11.1	12	2.1	226	20.7
Reckless driving	0	0.0	0	0.0	0	0.0	22	3.8	9	0.8
Careless/negligent driving	5	35.7	1	3.6	7	19.4	187	32.5	82	7.5
Other	2	14.3	2	7.1	1	2.8	54	9.4	32	2.9
Unknown	0	0.0	0	0.0	0	0.0	11	1.9	9	0.8
Total Cited Vehicles	14	100.0	28	100.0	36	100.0	576	100.0	1,092	100.0
Percent of Total Vehicles		11.5		11.1		15.5		7.4		14.2
Vehicles with No Citation Issued	108	88.5	225	88.9	196	84.5	7,230	92.6	6,624	85.8
Total Vehicles Involved	122	100.0	253	100.0	232	100.0	7,806	100.0	7,716	100.0

